

ABSTRACT OF THE DISCLOSURE

A system and method for sending, resolving, and receiving queries for information on the status of network resources. A peer computing system may include
5 one or more resolver nodes on a network for resolving queries for a resource to particular resource instances. The resolver nodes may receive query messages from peer nodes on the network. Each query message may request information about a resource implemented by one or more peer nodes on the network. The query messages may be formatted in accordance with a peer resolver protocol. The resolver node may determine a particular
10 instance of the resource hosted on a particular peer node to receive the query. The resolver node may use a variety of criteria to determine a particular resource instance. The resolver node may forward the query message to the determined resource instance.